# EV770975785US IAP7 Rec'd PCT/PTO 09 MAY 2006

FORM PTO		ATTORNEY'S DOCKET NUMBER				
	TRANSMITTAL LETTER TO THE UNITED STATES UPAP0020-100					
	DESIGNATED/ELECTED OFFICE (DO/EO/US)  U.S. APPLICATION NO. (If known, see 37 CFR 1.5)					
	CONCERNING A FILING UNDER 35 U.S.C. 371 10/560,650					
	INTERNATIONAL APPLICATION NO.   INTERNATIONAL FILING DATE   PRIORITY DATE CLAIMED					
PCT/US	2004/018962 June 14, 2004	June 13, 2003				
	OF INVENTION LIC ACID SEQUENCES ENCODING AND COMPOSITIONS COMPR	RISING IGE SIGNAL PEPTIDE				
AND/OI	R IL-15 AND METHODS FOR USING THE SAME					
APPLIC	ANT(S) FOR DO/EO/US	Jan D. Borros				
David I	B. Weiner, Michele Kutzler, Andrew Y. Choo, Joo-Sung Yang, therewith submits to the United States Designated/Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States Designated (Elected Office (DO/EO/US) the factors of the United States (Elected Office (DO/EO/US) the factors of the United States (Elected Office (DO/EO/US) the United States (Elected Office (DO/EO/US) the United States (Elected Office (Elected Office (DO/EO/US) the United States (Elected Office (Elected	following items and other information:				
	This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.	ionorma nema una cuier mitormation.				
		g under 35 II S C 371				
	This is a SECOND or SUBSEQUENT submission of items concerning a filing					
	This is an express request to begin national examination procedures (35 U.S.C. items (5), (6), (9) and (21) indicated below.					
	The US has been elected by the expiration of 19 months from the priority date (	(Article 31).				
5. 🗆	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
ı	a. is attached hereto (required only if not communicated by the Internati	ional Bureau).				
1	b. has been communicated by the International Bureau.	vine Office (PO/IS)				
_	c. is not required, as the application was filed in the United States Recei					
6.	An English language translation of the International Application as filed (35 U.	.S.C. 3/1(C)(2)).				
	a. is attached hereto.					
	b. has been previously submitted under 35 U.S.C. 154(d)(4).	19 (35 U.S.C. 371(c)(3))				
7.	Amendments to the claims of the International Application under PCT Article  a.   are attached hereto (required only if not communicated by the International Application under PCT Article)	ational Bureau).				
	The state of heather Intermetional Parrough	<del></del>				
	<ul> <li>b.  have been communicated by the international Bureau.</li> <li>c.  have not been made; however, the time limit for making such amenda</li> </ul>	ments has NOT expired.				
1	d. have not been made and will not be made.	-				
8. 🗆	An English language translation of the amendments to the claims under PCT A	Article 19 (35 U.S.C. 371 (c)(3)).				
_	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
9. 🖂	An English language translation of the annexes of the International Preliminary	y Examination Report under PCT				
	Article 36 (35 U.S.C. 371(c)(5)).					
Items 11 to 20 below concern document(s) or information included:						
	An information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12. 🔲	An assignment document for recording. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.				
13. 🔲	A FIRST preliminary amendment.					
14.	A SECOND or SUBSEQUENT preliminary amendment.					
15. 🗀	A substitute specification.					
16. 🗆						
17.	7 - 25 H C C 154/4\/4\)					
18.	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					
19. 🛮		xecuted Power of Attorney forms by all				
	Date of Deposit May 7, 2000					

	INTERNATIONAL APP PCT/US2004/01896		INTERNATIONAL FILING I June 14, 2004	DATE	UPAP0020-	OCKET NUMBER 100	
	☐ The following fees are submitted:				CALCULATIONS PTO USE ONLY		
	BASIC NATIONA	AL FEE (37 CFR 1.					
	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO\$1040.00						
	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO\$890.00						
	International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$740.00						
	International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(l)-(4)						
	International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)\$100.00						
			E BASIC FEE AM		\$		
	Surcharge of \$130.00	) for furnishing the c	oath or declaration later the date (37 CFR 1.492(e)).	an 🗌 20 🔀 30	\$ 130		
	CLAIMS	NUMBER FILE		RATE			
	Total claims	30-30=0	0	x \$18.00	\$ 0		
	Independent claims	7-7 =0	0	x \$84.00	\$ 0	·	
	MULTIPLE DEPEN	DENT CLAIM(S)	(if applicable)	+ \$280.00	\$ 0		
	TOTAL OF ABOVE CALCULATIONS =				\$ 130		
	Applicant claim are reduced by 1/2.	s small entity status.	See 37 CFR 1.27. The fe	+	\$		
				TOTAL =	\$ 130		
	Processing fee of \$130.00 for furnishing the English translation later than \( \sum 20 \subseteq 30 \) \$ months from the earliest claimed priority date (37 CFR 1.492(f))						
	Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						
05/15/2006	LLANDGRA 00000043	501275 10560650	TOTAL FEES EN	CLOSED =	\$ 130		
01 FC:2617					Amount to be refunded:	\$	
		,		<del></del>	charged:	\$ 130	
	_	the amount of \$			to cover the above f		
		ge my Deposit Acco		in the amount o	130 10	cover the above fees.	
		e copy of this sheet i					
	d. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No.  50-1275  A duplicate copy of this sheet is enclosed.						
	e. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038						
	NOTE: Where a 1.137 (a) or (b)) n	n appropriate time nust be filed and gr	limit under 37 CFR 1.49 anted to restore the app	4 or 1.495 has not be lication to pending s	een met, a petition (	to revive (37 CFR	
		RESPONDENCE TO	D:	SIGNATURE			
	Cozen O'Connor, 1900 Market Stre			Mark DeLuca			
	Philadelphia, PA			NAME 33,229			
	(215) 665-2000 -			REGISTRATION	NUMBER		
	(215) 665-2013 –						

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## P3076 Am 101755



#### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandra, Virginia 22313-1450 www.unpto.gov

U.S. APPLICATION NUMBER NO. FIRST NAMED APPLICANT ATTY. DOCKET NO. 10/560,650 David B. Weiner UPAP0020-100

> INTERNATIONAL APPLICATION NO. PCT/US04/18962

34137 COZEN O'CONNOR, P.C. 1900 MARKET STREET PHILADELPHIA, PA 19103-3508

COZEN IP DEPT.

**CONFIRMATION NO. 2255 371 FORMALITIES LETTER** 

PRIORITY DATE

06/13/2003

APR 1-8-2006

OC000000018516240\*

I.A. FILING DATE

06/14/2004

DUE DATE 6-14-06 MAX DATE **DOCKETED BY** 

Date Mailed: 04/14/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 12/13/2005
- Copy of the International Search Report filed on 12/13/2005
- Preliminary Amendments filed on 12/13/2005
- Request for Immediate Examination filed on 12/13/2005
- U.S. Basic National Fees filed on 12/13/2005
- Priority Documents filed on 12/13/2005
- Specification filed on 12/13/2005
- Claims filed on 12/13/2005
- Abstracts filed on 12/13/2005
- Drawings filed on 12/13/2005
- Paper nucleotide sequence listings filed on 12/13/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

#### **SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.
  - This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825 (d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821 (e) may be submitted in lieu of a new CRF.
  - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice **MUST** be returned with the response.

ANITA D JOHNSON		

Telephone: (703) 308-9140 EXT 226

## PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.	
10/560,650	PCT/US04/18962	UPAP0020-100	

FORM PCT/DO/EO/905 (371 Formalities Notice)